Index of Claims

|     |          | 10     | 4 64   |
|-----|----------|--------|--------|
| App | lication | /Contr | OI NO. |

09/837,033

Examiner Yehdega Retta Applicant(s)/Patent under Reexamination

ADAMS, VINCENT LEE

Art Unit

3622

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| Cla      |          | Date   |                |           |          |           | Date Claim Date |                 |          |          |          |          |                 |          | С              | laim     | Date        |           |         |                   |          |          |    |          |            |               |              |                 |          |   |          |
|----------|----------|--|----------------|-----------|----------|-----------|-----------------|-----------------|----------|----------|----------|----------|-----------------|----------|----------------|----------|-------------|-----------|---------|-------------------|----------|----------|----|----------|------------|---------------|--------------|-----------------|----------|---|----------|
|          |          |  |                |           |          |           |                 |                 |          | 1        |          |          |                 |          |                |          |             |           |         | $\Box$            |          | 1        |    |          |            |               |              |                 |          |   |          |
| Final    | Original | 2/9/01-  |                |           |          |           |                 |                 |          |          | Final    | Original |                 |          |                |          |             |           |         |                   | Final    | Original |    |          |            |               |              |                 |          |   |          |
| i        | Š.       | 6  | 1              |           |          |           |                 |                 | İ        |          | ΙŒ       | ĕ        |                 |          |                |          | - 1         |           | 1       |                   | ΙŒ       | ĕ        |    |          |            |               |              |                 |          |   |          |
|          |          | ğ  |                | _         | $\dashv$ | _         |                 | 4               |          | 4        | <u> </u> |          |                 | -        | 4              | _        | 4           | 4         | -       | +                 |          |          | -  | ╙        |            |               |              |                 |          |   | _        |
|          | 1        | $\nu$  | 1              | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$        | $\dashv$        | +        | -        |          | 51<br>52 |                 |          | +              | +        | +           | +         | +       | +                 | -        | 101      |    | -        |            |               | _            | -               | _        |   | -        |
|          | 3        | 1  | $\vdash$       | $\dashv$  | $\dashv$ |           | $\dashv$        | -               | -        | -        |          | 53       |                 |          | +              | +        | +           | -         | +       | +                 | -        | 102      |    | -        | -          |               |              |                 |          |   |          |
|          | 4        | Н  | Н              | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$        | $\dashv$        | +        | ┥        | -        | 54       | $\vdash$        | $\dashv$ | $\dashv$       | +        | +           | +         | +       | ++                | -        | 103      |    | $\vdash$ | $\vdash$   | _             |              | Н               |          |   | -        |
|          | 5        | Н  | Н              | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$        | ᆉ               | $\dashv$ | 1        | -        | 55       |                 |          | $\dashv$       | $\dashv$ | +           | +         | +       | +                 |          | 105      | +  |          | $\vdash$   | _             | -            | Н               |          |   | $\vdash$ |
| -        | 6        | Н  |                | $\exists$ | $\neg$   |           | 寸               | 寸               | _        | 1        | $\vdash$ | 56       |                 | $\dashv$ | _              | 十        | _           | +         |         | -                 |          | 106      |    | $\vdash$ | -          |               | _            |                 |          |   |          |
|          | 7        | $\Box$   |                | $\neg$    |          |           | _               | _               |          | 1        |          | 57       |                 |          | 1              | $\top$   | 1           | 1         | 十       | $\dagger \dagger$ |          | 107      |    | $\vdash$ | $\vdash$   |               |              |                 |          |   |          |
|          | 8        | П  | П              |           | $\neg$   |           | ヿ               | ヿ               |          | 1        |          | 58       |                 | $\neg$   |                | $\top$   | T           | T         | $\top$  | $\top$            |          | 108      |    | Т        |            |               |              |                 |          |   |          |
|          | 9        | П  |                |           |          |           |                 | $\neg$          |          |          |          | 59       |                 |          |                | Т        |             | $\Box$    |         |                   |          | 109      | 1  |          |            |               |              |                 |          |   |          |
|          | 10       | $\Box$   |                |           |          |           |                 |                 |          | ]        |          | 60       |                 |          |                | $\Box$   |             | $\Box$    |         |                   |          | 110      |    |          |            |               |              |                 |          |   |          |
|          | 11       | Ц  | Ш              |           |          |           | [               | [               | $\perp$  | 4        |          | 61       |                 |          |                | $\bot$   | _[_         |           | [_      |                   |          | 111      |    |          |            |               |              |                 |          |   |          |
|          | 12       | Ц  | Ш              | _         | _        | _         | _               | _               | _ _      | 4        |          | 62       |                 | _        | _              | $\perp$  | $\perp$     | $\perp$   |         | $\Box$            | <u> </u> | 112      |    | <u> </u> | <u> </u>   | _             | <u> </u>     |                 |          |   | _        |
|          | 13       | 1  | $\square$      |           | $\Box$   |           | _               | _               | $\perp$  | 4        |          | 63       |                 |          |                | 4        | 4           | _         | _       | $\bot$            |          | 113      | 4  | _        | lacksquare |               | <u> </u>     | Ш               | _        |   | _        |
|          | 14       | ⊬  | Н              | $\dashv$  |          | $\square$ | $\dashv$        | _               | +        | 4        |          | 64       | $\sqcup$        | _        | $\dashv$       | -        | -           | -         | +       | +                 | -        | 114      |    | 1        | ļ          | <u> </u>      | $\vdash$     | $\sqcup$        |          |   | <u> </u> |
| -        | 15<br>16 | ₩  | Н              | -         | $\dashv$ | $\dashv$  | $\dashv$        | $\dashv$        | +        | 4        | -        | 65<br>66 |                 | $\dashv$ | $\dashv$       | +        | _           |           | +       | +                 | _        | 115      | +  | -        | -          |               | _            | H               |          |   | -        |
|          | 17       | <del>                                     </del> | $\vdash$       | $\dashv$  | $\dashv$ |           | $\dashv$        | -               |          | -        | -        | 67       | $\vdash \vdash$ | $\dashv$ | $\dashv$       | +        | +           | +         | +       | +                 |          | 116      | -  | -        |            | _             | -            |                 | -        |   | -        |
|          | 18       | H  | $\vdash$       | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$        | $\dashv$        | $\dashv$ | 4        |          | 68       | H               | $\dashv$ | $\dashv$       | +        | +           | +         | +       | ++                | -        | 118      |    | $\vdash$ | $\vdash$   | _             | -            | Н               |          | _ | $\vdash$ |
| -        | 19       | 1  | Н              | $\dashv$  | $\dashv$ | -         | $\dashv$        | $\dashv$        | -        | 1        |          | 69       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$ | +           | +         |         | +                 |          | 119      | +  | $\vdash$ | $\vdash$   | -             | -            | Н               |          |   | -        |
|          | 20       | V  | Н              |           | $\neg$   |           |                 | $\dashv$        | $\dashv$ | 1        | <b>—</b> | 70       |                 |          | 十              | $\dashv$ | $\dashv$    | $\dashv$  | +       | +                 | -        | 120      |    | ┢        |            |               | H            | Н               |          |   | _        |
| -        | 21       | 1  | П              | ヿ         | $\neg$   |           | $\dashv$        | $\dashv$        |          | 1        | <b> </b> | 71       | H               | ┪        | 寸              | 十        | 十           | $\top$    | $\top$  | $\top$            |          | 121      |    | $\vdash$ |            | -             | $\vdash$     | Н               |          |   |          |
|          | 22       |  | П              | $\neg$    | $\neg$   |           | $\exists$       | 寸               | $\neg$   | 1        |          | 72       |                 |          | 十              | 十        | 十           | +         | $\top$  | $\top$            |          | 122      |    | Т        |            |               |              | П               |          |   |          |
|          | 23       | Г  |                |           |          |           |                 | T               |          | 1        |          | 73       |                 |          |                | $\neg$   | 丁           | ┪         |         | $\top$            |          | 123      |    |          |            | $\overline{}$ |              |                 |          |   |          |
|          | 24       |  |                |           |          |           |                 | $\neg$          |          |          |          | 74       |                 |          |                |          |             | 丁         | T       | $\Box$            |          | 124      |    | $\vdash$ |            |               |              |                 |          |   |          |
|          | 25       |  |                |           |          |           |                 |                 |          |          |          | 75       |                 |          |                |          |             |           |         |                   |          | 125      |    |          |            |               |              |                 |          |   |          |
|          | 26       |  |                |           |          |           |                 | $\dashv$        |          |          | <u></u>  | 76       | Ш               |          |                |          |             |           |         |                   |          | 126      |    |          |            |               |              |                 |          |   |          |
| <u> </u> | 27       | L  |                |           | _        |           | _               | _               | _        | 4        |          | 77       | Щ               | _        | _              | _        |             | 4         | $\perp$ | 44                | _        | 127      | 1  |          |            |               |              | Ш               | _        |   | L        |
| <u> </u> | 28       | <u> </u>   |                | $\dashv$  | _        |           | _               | 4               |          | 4        | <u> </u> | 78       | Ш               | $\dashv$ |                | 4        | 4           | _         | _       | 44                |          | 128      | 4_ | ļ_       | _          |               |              |                 |          |   | <b>!</b> |
| -        | 29       | ⊢  | $\vdash$       |           |          |           | -               | -               |          | 4        |          | 79       | $\sqcup$        | _        |                |          | -           | -1-       | -       |                   | _        | 129      | 4  | ╙        | <u> </u>   | _             |              |                 |          |   | <u> </u> |
| -        | 30<br>31 | ├  |                | -         |          |           | ᅱ               | $\dashv$        |          | 4        |          | 80<br>81 |                 | -        |                | -+       |             | -         | -       | -                 | _        | 130      |    | ├        | _          |               | <u> </u>     | Н               |          |   | <u> </u> |
|          | 32       | $\vdash$   | Н              |           | $\dashv$ | $\vdash$  | $\dashv$        | $\dashv$        | +        | ┨        | <u> </u> | 82       |                 |          | -+             | -+       | +           | +         | +       | +-                | -        | 131      | +  | $\vdash$ | $\vdash$   | $\vdash$      | <del> </del> | Н               |          |   | $\vdash$ |
| <b>—</b> | 33       | -  | $\vdash$       | $\dashv$  | $\dashv$ |           | $\dashv$        | $\dashv$        | -+-      | ┨        | -        | 83       | $\vdash$        | $\dashv$ | $\dashv$       | +        | +           | +         | +       | +-                |          | 133      |    | $\vdash$ | $\vdash$   | $\vdash$      | $\vdash$     | Н               | $\vdash$ |   | $\vdash$ |
|          | 34       | $\vdash$   | Н              | $\dashv$  | $\dashv$ |           |                 | _               | _        | 1        | <b>—</b> | 84       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$ | +           | +         | +       | +                 | -        | 134      | +  | +-       |            | $\vdash$      | <del> </del> | H               | $\vdash$ |   | $\vdash$ |
|          | 35       | Т  | $\Box$         | $\dashv$  | $\dashv$ |           | $\dashv$        | $\dashv$        | $\top$   | 7        |          | 85       | -               |          | $\neg \dagger$ | $\top$   | $\dashv$    | $\dagger$ | $\top$  | 11                |          | 135      |    | T        |            | -             | Н            | $\vdash$        | $\dashv$ |   | Т        |
|          | 36       |  |                |           |          | $\neg$    | $\neg$          | $\neg \uparrow$ | $\neg$   | 7        |          | 86       |                 |          | 1              | $\top$   | $\top$      | $\top$    | $\top$  | $\neg \neg$       |          | 136      |    | T        | П          |               | Г            | П               |          |   |          |
|          | 37       |  |                |           |          |           |                 |                 |          |          |          | 87       |                 | ╛        | $\Box$         | 丁        | _[          | Ţ         |         |                   |          | 137      |    |          |            |               |              |                 |          |   |          |
|          | 38       |  |                |           |          |           | $\Box$          | $\Box$          |          | _        |          | 88       |                 |          | $\Box$         |          | $\Box \Box$ | Ţ         |         |                   |          | 138      |    |          |            |               |              |                 |          |   |          |
|          | 39       | L  | Ш              |           | _        | $\Box$    | ]               | _[              |          | _        |          | 89       | Щ               | [        |                | $\perp$  | $\perp$     | $\perp$   |         |                   |          | 139      |    | L        |            |               |              |                 |          |   |          |
|          | 40       | _  | Ш              | _         |          | $\Box$    | _               | 4               |          | 4        |          | 90       | Ш               |          | 4              | 4        | $\perp$     | 1         |         | $\bot$            |          | 140      |    | <u> </u> | L.         |               |              |                 |          |   |          |
| -        | 41       | <u> </u>   | $\sqcup$       |           |          | _         | _               | $\dashv$        | +        | 4        |          | 91       | $\vdash \vdash$ | _        | 4              | $\dashv$ | 4           | $\perp$   | 1       | 44                |          | 141      |    | _        | $\vdash$   | _             | ļ            |                 |          | _ | <u> </u> |
|          | 42       | _  | Н              |           |          |           | _               |                 | +        | 4        | <u> </u> | 92       | $\vdash \vdash$ |          | +              | $\dashv$ | +           | +         | +       | +                 | <u> </u> | 142      |    | $\vdash$ | $\vdash$   | _             | <u> </u>     | $\vdash \vdash$ |          |   |          |
| -        | 43       | -  | $\vdash$       | $\dashv$  | -        | $\dashv$  | $\dashv$        | $\dashv$        | -        | $\dashv$ |          | 93<br>94 | Н               | -        | +              | +        | +           | +         | +       | +                 | -        | 143      |    | $\vdash$ | $\vdash$   |               | <u> </u>     | Н               |          | _ | <u> </u> |
| -        | 45       | ⊢  | $\vdash$       |           | -        | $\dashv$  |                 | $\dashv$        | +        | $\dashv$ | $\vdash$ | 95       | $\vdash$        | $\dashv$ | +              | +        | +           | +         | +       |                   | -        | 144      | +  | $\vdash$ | $\vdash$   | $\vdash$      |              | Н               |          |   | -        |
| -        | 46       | -  | $\vdash\vdash$ | $\dashv$  |          |           |                 | $\dashv$        |          | -        |          | 96       | $\vdash$        | -+       | $\dashv$       | +        | +           | +         | +       | ++                | $\vdash$ | 146      |    | ╁        | $\vdash$   | $\vdash$      | -            | $\vdash$        |          |   | $\vdash$ |
|          | 47       | -  | $\vdash$       | $\dashv$  |          | $\dashv$  |                 | $\dashv$        | +        | 1        | -        | 97       | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$ | +           | +         | +       | +                 | $\vdash$ | 147      | +  | ╁        | $\vdash$   |               | H            | $\vdash$        | $\dashv$ |   | $\vdash$ |
|          | 48       |  | $\vdash$       | $\dashv$  | $\dashv$ | $\dashv$  | _               | $\dashv$        | $\dashv$ | 1        | $\vdash$ | 98       | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$ | +           | +         | +       | +                 | -        | 148      |    | $\vdash$ |            | H             | -            | $\vdash \vdash$ | -        |   | $\vdash$ |
|          | 49       | $\vdash$   | $\vdash$       |           | $\dashv$ | $\dashv$  | 寸               | 7               | $\top$   | 1        |          | 99       | Н               | $\dashv$ | 十              | +        | 十           | $\dagger$ | +       | +                 |          | 149      |    | T        |            | $\vdash$      | -            | Н               |          |   |          |
|          | 50       | Г  |                | 1         |          |           | T               | 7               |          | 1        |          | 100      | П               | 寸        | 十              | 十        | $\top$      | $\top$    | $\top$  | $\top$            | -        | 150      |    | Π        |            | Т             |              | Н               |          |   | Γ        |
| •        |          | _  |                |           |          |           |                 |                 |          |          |          |          | ш.              |          |                |          |             |           |         |                   |          |          |    | _        |            | _             |              | لـــا           |          | _ |          |